

**I CLAIM:**

1. A machine comprising:

a base,

a lower mold disposed on said base to receive and support a  
5 first pad member thereon,

an upper mold disposed above said lower mold to receive and  
support a second pad member thereon,

means for moving said upper mold toward and away from said  
lower mold, to move said first and said second pad members toward  
10 and away from each other,

a heating device including two heating members for heating  
said first and said second pad members respectively,

means for sending said heating members of said heating device  
toward and away from said first and said second pad members, and  
15 to locate said heating members between said first and said second  
pad members and to allow said first and said second pad members to  
be heated by said heating members respectively, and to disengage  
said heating members away from said first and said second pad  
members after said first and said second pad members have been  
20 heated by said heating members, and

means for loading said first and said second pad members  
toward and away from said upper mold and said lower mold.

2. The machine as claimed in claim 1, wherein said base  
includes a stand provided thereon to support said upper mold, said  
25 moving means includes an actuator attached to said stand and  
coupled to said upper mold, to adjust and move said upper mold  
toward and away from said lower mold.

3. The machine as claimed in claim 2, wherein said base includes a seat provided thereon, a follower slidably attached to said seat to support said stand.

4. The machine as claimed in claim 3, wherein said seat includes an adjusting device attached to said seat and coupled to said follower, to adjust and move said follower relative to said seat.

5. The machine as claimed in claim 3, wherein said follower includes an adjusting device attached thereto and coupled to said stand, to adjust and move said stand relative to said follower.

6. The machine as claimed in claim 2, wherein said base includes an adjusting device attached thereto and coupled to said stand, to adjust and move said stand relative to said base.

7. The machine as claimed in claim 1, wherein said base includes means for vacuuming said second pad member to said upper mold.

8. The machine as claimed in claim 1 further comprising a smoke exhaustor device attached to said base for smoke exhausting purposes.

9. The machine as claimed in claim 1, wherein said sending means includes an actuator disposed on said base and coupled to said heating device, to said heating device toward and away from said first and said second pad members.

10. The machine as claimed in claim 9, wherein said heating device includes a board slidably attached on said base and coupled to said actuator.

11. The machine as claimed in claim 9, wherein said heating device includes a block slidably attached on said board, and an

adjusting device attached to said board and coupled to said block, to adjust and move said block relative to said board.

12. The machine as claimed in claim 11, wherein said heating device includes a lever slidably attached to said block to support  
5 said heating members.

13. The machine as claimed in claim 12, wherein said heating members are attached on top and bottom of said lever respectively, to heat said first and said second pad members respectively.

14. The machine as claimed in claim 13, wherein said heating  
10 device includes an adjusting device attached to said block and coupled to said lever, to adjust and move said lever relative to said block.

15. The machine as claimed in claim 1 further comprising means for shielding said heating members of said heating device.

16. The machine as claimed in claim 13, wherein said shielding  
15 means includes a protecting device disposed above said heating members, to shield said heating members, and to prevent operators from being heated or hurt by said heating members inadvertently.

17. The machine as claimed in claim 2, wherein said base  
20 includes an adjusting device attached thereto and coupled to said protecting device, to adjust and move said protecting device up and down relative to said base and said heating members.

18. The machine as claimed in claim 1, wherein said first pad member includes at least one hollow chamber formed therein.

25 19. The machine as claimed in claim 1, wherein said second pad member includes at least one hollow chamber formed therein.